

DAFTAR PUSTAKA

- Alam, M. T. & Farid, S. (2011). *Factors Affecting Teachers Motivation*. Foundation University College of Liberal Arts & Science. Vol. 2 (1).
- Ahman, E. (2006). *Pengembangan Keprofesionalan dalam Meningkatkan Kinerja Pembelajaran Guru Ekonomi*. Jurnal Pendidikan Ekonomi dan Koperasi. Vol. 1 (2).
- Anderson, J. R., Greeno, J.G., Reder, L. M., & Simon, H.A. (2000). *Perspective on Learning, Thinking, and Activity*. Educational Researcher. Vol. 29 (11-13).
- Anggraeni, S. (2012). *Sudahkan Calon Guru Biologi Menerapkan Hakikat Sains dalam Pembelajaran Biologi?*. Bandung: Jurusan Pendidikan Biologi. FPMIPA UPI.
- Arends, R. I. (2008). *Learning to Teach: Belajar untuk Mengajar*. Edisi Ketujuh Buku Satu. Yogyakarta: Pustaka Belajar.
- Arikunto, S. (1990). *Manajemen Pengajaran Secara Manusiawi*. Jakarta: Rineka Cipta.
- Australian Institute for Teaching and School Leadership. (2012). *Australian Teacher Performance and Development Framework*. Australia: Australian Government.
- Barnawi & Arifin, M. (2001). *Etika dan Profesi Kependidikan*. Yogyakarta: Ar-Ruzz Media.
- Bell, B. (1993). *Children's Science, Constructivism and Learning in Science*. Geelong: Deakin University Press.
- Bernardin, H.J. & Russel, J. E. A. (1998). *Human Resource Management 2nd Edition-An Experiential Approach*. Singapore: McGraw-Hill.
- Bhargava, A. (2011). *Perception of Student Teachers About Teaching Competencies*. India: AIJCR. Vol. 1 (1).
- Birman, B. F., Desimore, L., Porter, A. C., & Garet, M. S. (2000). *Designing Professional Development that Work*: Educational Leadership.
- Borko, L. (2004). *Professional Development and Teacher Learning: Mapping the Terrain*. Educational Researcher.

- Bruce, C. D. (2010). *The Effects of Sustained Classroom Embedded Teacher Professional Learning on Teacher Efficiency and Related Student Achievement*. Teaching and Teacher Education (in press), Vol. 10. (10-16).
- Caena, F. (2011). *Literature Review Quality in Teachers' Continuing Profesional Development*. European Commission.
- Cahaya, M. A. (2014). *Analisis Rencana dan Pelaksanaan Pembelajaran Biologi Berkarakter pada Kelompok Peminatan Ilmu-ilmu Sosial*. Tesis. Sekolah Pascasarjana UPI. Bandung. Tidak Dipublikasikan.
- Collete, A. T. & Chiapetta, E. L. (1994). *Science Intruction in the Middle and Secondary School*. New York: McMillan Publishing Company.
- Cresswell & John. W. (2010). *Research Design: Pendekatan Kualitatif, Kuantitatif, dan Mixed*. Cetakan Pertama: Yogyakarta: Pustaka Pelajar.
- Darling-Hammond, L. (2005). *Teacher Quality and Student Achievement: A Review of State Policy Evidence'*. *Education Policy Analysis Archives*. Vol. 8 (1).
- Desimore, L. M. (2009). *Improving Impact Studies of Teacher' Professional Development: Toward Better Conceptualizations and Measure*. Educational Researcher. 2009. Vol. 3 (38).
- Dillon, J. T. (1988). *The Remedial Status of Student Questioning*. Journal of Curriculum Studies. 20 (3). (197-210).
- Dimiyati & Mudjiono. (2009). *Belajar dan Pembelajaran*. Jakarta: PT. Rineka Cipta.
- Direktorat Akademik UPI. (2015). *Panduan Program Pengalaman Lapangan (PPL) Bagi Mahasiswa UPI Calon Guru Bidang Studi*. Bandung.
- Fathurrohman, P. & Suryana, A. (2012). *Guru Profesional*. Bandung: Refika Aditama.
- Fraenkel, J.R & Wallen. (2011). *How To Design and Evaluate Research in Education*. San Fransisco: Universitas San Fransisco.
- Gabel. (1994). *Handbook of Research on Science Teaching and Learning. A Project of the National Science Teachers Association*. McMillan Publishing Co. N.Y.
- Gagne, R. M. (1985). *The Condition of Learning and Theory of Instruction*. New York: Hlot, Rinehart and Winston.

- Gagne, R. M., Briggs, Leslie J., & Craller W. (1979). *Principless of Instruction*. New York: Tlercont Brace Joa Novieh College Pub.
- Geijsel, F., Slegers, P., Stoel, R., & Kruger, M. (2009). *The effect of Teacher Psycological, School Organizational and Leadership Factor on Teacher's Professional Learning in Dutch Schools*. *The Elementary School Journal*, Vol. 4 (406-427).
- Gibson, J. I., Jhon, M., & Donelly, J. R. (1994). *Organisasi: Perilaku, Struktur, dan Proses*. Terjemahan Agus Darma. Jakarta: Erlangga.
- Godwin, A. I. & Bassey, U. E. (2013). *Influence of Learning Style and Teaching Strategy on Students' Achievement in Biology*. Uyo: Voice of Research (1).
- Greeno, J. G. (2003). *Situatiave Research Relevant to Standards for School Mathematics*. in J. Kilpatrick, W.G. Martin, & D. Schifter (eds). *A Reseach Companion to Principles and Standards for School Mathematics* (pp.304-332). Reston., VA: National Council of Teachers of Mathematics.
- Hamalik, O. (2009). *Perencanaan Pengajaran Berdasarkan Pendekatan Sistem*. Jakarta: Bumi Aksara.
- Hamilton, J. T. & Ekeke. (2013). *Conceptual Framework of Teachers' Competence in Relation to Students' Academic Achievement*. *IJNS: Nigeria*, Vol. 2 (3).
- Hermayanti, D. (2014). *Analisis Kinerja Mengajar Guru Biologi SMAN Kota Bandung dan Hubungannya dengan Hasil Belajar Siswa dalam Implementasi Kurikulum 2013*. Tesis. UPI. Tidak Dipublikasikan.
- Hernawan, A. H. (2009). *Pembelajaran Terpadu di SD*. Jakarta: Universitas Terbuka.
- Hidayat, S. (2006). *Analysis on the Difference between the Teaching Performance of Certified Teachers and Non-Certified Teachers*. *IJLRST*. Jakarta: Vol. 3.
- Hofstein, A., & Mamlok Naaman, R. (2007). *The Laboratory in Science Education: The State of The Art*. *Cemistry Education Research and Practice*. 8 (2). 105-107.
- Hosnan, M. (2014). *Pendekatan Saintifik dan Kontekstual dalam Pembelajaran Abad 21*. Bogor: Ghalia Indonesia.
- Hussain, N., Nawaz, B., Nasir, S., Kiani, N., & Mahdi Hussain. (2013). *Positive Teacher-Student Relationship and Teachers Experience-A Teacher's Perspective*. Pakistan: Global Journals Inc. Vol. 13 (3).

- Kallery, M. (2012). *In Quest of Teaching Quality in Preschool Science: Teachers Views of Factors Influencing their Work*. Greece: Aristotle University of Thessaloniki.
- Kallery, M. & Psillos, D. (2001). *Preschool Teachers' Content Knowledge in Science: Their Understanding of Elementary Science Concepts and of Issues Raised by Children's Questions*. *International Journal of Early Years Education*. Vol. 9 (165-179).
- Kallery, M. & Psillos, D. (2002). *What Happens in the Early-Years Science Classroom? The Reality of Teachers Curriculum Implementation Activities*. *European Early Childhood Education Research Journal*. Vol. 10 (49-61).
- Kemendikbud. (2013). *Salinan Permendikbud No. 81 A Lampiran Empat tentang Pedoman Umum Pembelajaran*. Jakarta: Kemendikbud.
- Kemendikbud. (2014). *Materi Pelatihan Guru Implementasi Kurikulum 2013*. Jakarta: Kemendikbud.
- Khadijeh, B. & Amir, R. (2015). *Importance of Teachers' Assessment Literacy*. *IJELE*. Islamic Azad University, Zanjan, Iran. Vol. 3 (3).
- Khan, B. (2012). *Relationship between Assessment and Students' Learning*. *IJSSE*. Aga Khan University, Professional Development Centre North, Gilgit. Vol. 2.
- Kilic, S., Kaya, B., & Kurt, H. (2012). *Assessment and Evaluation Techniques being Used in Classrooms by Biology Teachers*. *IJTASE*: Selcuk University, A.K. Education Faculty, Department of Natural Science Education Konya Turkey. Vol. 1.
- Koentjaraningrat. (1990). *Metode Penelitian Masyarakat*. Jakarta: Gramedia
- Kunandar. (2013). *Guru Profesional*. Jakarta: PT. Raja Grafindo Persada.
- LAN. (1992). *Penilaian Kinerja Pegawai*. Jakarta: LAN.
- Lodang, H., Azis, A. A, Palennari, M., & Rachmayani. A. (2013). *Analisis Kompetensi Profesional Guru Biologi Sekolah Menengah Atas Negeri di Kota Makassar*. Makassar: Jurusan Biologi, Fakultas MIPA, UNM.
- Makagiarsar, M. (1989). *Education for All. Bulletin of the UNESCO Principal Regional Office for Asia and the Pacific*. Thailand: UNESCO Principal Regional Office for Asia and the Pacific Bangkok.

- McMillan, J. H. & Schumacher, S. (2001). *Research in Education, A Conceptual Introduction*. Fifth Edition. New York: Longman.
- Millar, R. (2004). *The Role of Practical Work in The Teaching and Learning of Science: Paper Prepared for The Meeting-High School Science Laboratories*. Role and Vision Departement of Educational Studies University of York.
- Moloeng, L. (2014). *Metode Penelitian Kualitatif Cetakan 32*. Bandung: Remaja Rosdakarya.
- Muller, J. (2006). *Authentic Assessment*. North Central College.
- Mulyasa. (2013). *Menjadi Guru Profesional Menciptakan Pembelajaran Kreatif dan Menyenangkan*. Bandung: PT. Remaja Rosdakarya.
- Nur, M. (1998). *Teori-teori Perkembangan*. Surabaya: Institut Keguruan dan Ilmu Pendidikan.
- Nzulwa, J. (2014). *Motivational Factors Affecting High School Teachers Professional Conduct and Work Performance: A Case of Public High Schools in Nairobi City*.
- Palmer, D. (2005). *A Motivational View of Contructivist-Informed Teaching*. Australia:University of Newcastle. Vol. 27 (15).
- Parkes, K. A. (2010). *Performance Assessment: Lessons from Performers*. Virginia Tech. Vol. 22 (1).
- Peraturan Menteri Pendidikan Nasional Republik Indonesia No. 16 Tahun 2007. *Tentang Standar Kualifikasi dan Kompetensi Guru*.
- Peraturan Pemerintah Republik Indonesia No. 74 Tahun 2008. *Tentang Guru*.
- Permendiknas Tahun 2007 No. 41. *Tentang Standar Proses untuk Satuan Pendidikan Dasar dan Menengah hlm 2-4*.
- Peraturan Menteri Pendidikan dan Kebudayaan No. 65 Tahun 2013. *Tentang Standar Proses Pendidikan Dasar dan Menengah*.
- Purwanto. (2009). *Evaluasi Hasil Belajar*. Yogyakarta: Pustaka Belajar.
- Rahman, F., Jumani, N. B., Akhter, Y., Chisthi, S. H., & Muhammad Ajmal. (2011). *Relationship between Training of Teachers and Effectiveness Teaching*. Islamabad: Allama Iqbal Open University. Vol. 2 (4).

- Rahman, T. (2011). *Penilaian Pembelajaran*. Bandung:UPI.
- Rahmat, A. (2010). *Kajian Terhadap Metode dan Pendekatan Pembelajaran Biologi di SMA: Kesenjangan dalam Pembelajaran di Kelas*. Jurnal Pendidikan MIPA, FPMIPA UPI.
- Rahmat, A, S Redjeki, Riandi. (2008). *Kajian Pembelajaran Biologi di Sekolah Menengah Atas: Kesulitan Siswa dalam Pembelajaran*. Jurnal Pendidikan dan Pembelajaran, Vol 6, No.2:236-247.
- Raval, D. K. (2013). *Lesson Plan: The Blueprint of Teaching*. IJRE. Dist. Mehsana Gujarat (India). Vol. 2 (2).
- Riduwan. (2009). *Metode dan Teknik Menyusun Tesis*. Bandung: Alfabeta.
- Rockoff, J. E. (2004). *The Impact of Individual Teachers on Student Achievement: Evidence from Panel Data*. AEA Papers and Proceedings.
- Ruseffendi, E. T. (2001). *Dasar-dasar Penelitian Pendidikan dan Bidang non Ekstra Lainnya*. Semarang: IKIP Semarang Press.
- Rustaman, N. (2001). *Menjadi Guru Kreatif dan Inovatif*. Bandung: FPMIPA UPI.
- Rustaman, N. dkk. (2003). *Common Text Book.: Strategi Belajar Mengajar Biologi (Edisi Revisi)*. Bandung: FPMIPA UPI.
- Rustaman. (2003). *Penilaian Hasil Belajar IPA*. Bandung: FPMIPA UPI.
- Rustaman, N., & Rustaman, A. (-Tidak diketahui). *Penilaian Otentik (Authentic Assessment) dan Penerapannya dalam Pendidikan Sains*. Bandung: FPMIPA & Sekolah Pascasarjana, Jurusan Pendidikan Biologi. UPI.
- Rustaman, N., & Rustaman, A. (2003). *Peranan Pertanyaan Produktif dalam Pengembangan KPS dan LKS*. Bandung: Departemen Pendidikan Nasional.
- Rustaman, N. (2005). *Strategi Belajar Mengajar Biologi*. Malang: Penerbit Universitas Negeri Malang.
- Samani, N., Mukhadis, A., Wardhani, Kumaidi, Djoko Kustono, Endang Ariadi. (2006). *Instrumen Penilaian Kinerja Guru*. Dirjen Dikti, Depdiknas.
- Sankaran, S., Dick, B., Passfield, R., & Swepson, P. (eds). (2011). *Effective Change Management Using Action Learning and Action Research, Frameworks, Processes, Applications*. Lismore, Australia: Southern Cross University Press.

- Sihombing, S. S. (2014). *Meningkatkan Kinerja Guru Biologi SMA Negeri dalam Pembelajaran melalui Supervisi Klinis*. Universitas Negeri Medan.
- Sipayung, Y. E. (2012). *Hubungan Gaya Kepemimpinan Kepala Sekolah dengan Motivasi Berprestasi dengan Kinerja Guru*. Manajemen Pendidikan Indonesia. Vol. 1 (111).
- Slameto. (2003). *Belajar dan Faktor-faktor yang Mempengaruhinya*. Jakarta: Rineka Cipta.
- Suastra, I. W. (2009). *Pembelajaran Sains Terkini*. Singaraja: Universitas Pendidikan Ganesa.
- Sudjana, N. (2011). *Media Pengajaran*. Bandung: Sinar Baru Algensindo.
- Supardi. (2013). *Kinerja Guru*. Jakarta: Rajawali Press.
- Suparno, A. S. (1991). *Program Pengenalan Lapangan (PPL)*. Jakarta: Direktorat Jenderal Pendidikan Departemen Pendidikan Nasional.
- Suryosubroto, B. (2009). *Proses Belajar Mengajar di Sekolah: Wawasan Baru, Beberapa Metode Pendukung dan Beberapa Komponen Layanan Khusus*. Jakarta: Rineka.
- Susiani, T. S. (2007). *Kinerja Calon Guru Sekolah Dasar*. Prodi PGSD FKIP Universitas Sebelas Maret.
- Tierney, R. J. (1991). *Portfolio Assessment the Reading Writin Classroom*. Norwood: Cristopher Gordon Publisher. Inc.
- Trianto. (2008). *Mendesain Pembelajaran Kontekstual (Contextual Teaching and Learning) di Kelas*. Jakarta: Cerdas Pustaka Publisher.
- Trowbridge, L.W., Rodger. W. Bybee., & Robert B. Sund. (1973). *Becoming a Secondary School Sciece Teacher*. Toronto: Charles Merrill Publishing Co.
- Tu'u, T. (2004). *Peran Disiplin pada Perilaku dan Prestasi Siswa*. Jakarta: PT. Grasindo.
- Uitto, A., & Kana, P. (2003). *Teaching Methods Enhaching Grade Nine Student a Performance and Attitudies Toward Biology*. Finland: University of Helsinki.
- Undang-undang Republik Indonesia No. 14 Tahun 2005. *Tentang Guru dan Dosen*.

- Undang-undang Republik Indonesia No. 20 Tahun 2003. *Tentang Sistem Pendidikan Nasional*.
- Uno, G. E., (1999). *Handbook on Teaching Undergraduate Science Course a Survival Training Manual*. Orlando: Saunders College Publishing.
- Uno, H., & Mohamad, N. (2011). *Belajar dengan Pendekatan PAILKEM (Pembelajaran Aktif Inovatif Lingkungan Kreatif Efektif Menarik)*. Jakarta: Bumi Aksara.
- Webster-Wright, A. (2009). *Reframing Professional Development Trought Understanding Authentic Professional Learning*. Review of Educational Research. Vol. 2 (702-739).
- Wibowo, A. & Hamrin. (2012). *Menjadi Guru Berkarakter*. Yogyakarta: Pustaka Pelajar.
- Widodo, Y. S & Setiawati. C. (2006). *Peningkatan Kemampuan Siswa SD untuk Mengajukan Pertanyaan Produktif*. Jurnal Pendidikan dan Pembelajaran. Vol. 1 (1-12).
- Widodo, A. (2006). *Profil Pertanyaan Guru dan Siswa dalam Pembelajaran Sains (The Feature of Teachers' and Students' Questions in Science Lessons)*. Jurnal Pendidikan dan Pembelajaran 4 (2), (139-148).
- Widodo, A. (2010). *Peningkatan Profesionalisme Guru Biologi: Permasalahan dan Alternatif Solusi*. Jurusan Pendidikan Biologi, FPMIPA UPI
- Widoyoko, S. (2008). *Evaluasi Program Pembelajaran*. Yogyakarta: Pustaka Pelajar.
- Widowati, A. (2008). *Diktat Pendidikan Sains*. Fakultas Matematika dan Ilmu Pengetahuan Alam. Universitas Yogyakarta.
- Wolf, K. & Stevens, E. (2007). *The Role of Rubrics in Advancing and Assessing Student Learning*. University of Colorado at Denver and Health Sciences Center. Vol. 7 (1).
- Wulan, A. R. (2007). *Kemampuan Calon Guru Biologi dalam Menyusun Rubrik Analitis pada Asesmen Kinerja Pembelajaran*. Bandung: FPMIPA UPI.
- Zwart, R. (2007). *Individual Teacher Learning in a Context of Collaboration in Teams*. Dissertation, ICLON, Universiteit Van Leiden.