

**MyRA IMPACT ACTIVITIES**

Name :	ASIAH MOHD NOR
Faculty :	Faculty of APPLIED SCIENCES
Staff No :	143941
Grade of Position (VK7/DM54/DM52 etc)	DM45
Pasport/MyKad No. :	701230-11-5148
Telephone No. (Office)	03-55438471
Cell-phone :	019-2113680
Email	asiah941@salam.uitm.edu.my or asiahmohdnor@gmail.com

**BASIC PROFILE**

Lecturer DM45/DM46/DM51/DM52/DM53/DM54

<b>Appointments</b>	<b>Date/Year of Appointment</b>
Lecturer DM45/DM46	<b>01 Jan 2005</b>
Year of Birth :	<b>1970</b>
<b>Ph.D Qualification (Year Obtained)</b>	-
<b>Professional Qualification (Year Obtained)</b>	-

**PUBLICATIONS FOR 2015**

M.N.Asiah, M.H.Mamat, Z.Khusaimi, S.Abdullah, M.Rusop, Ahsanulhaq Qurashi. Surfactant-free seed-mediated large-scale synthesis of mesoporous TiO<sub>2</sub> nanowires. *Ceramics International* 41(2015) 4260–4266

[IF :2.986](#)

M.N. Asiah, M.H. Mamat, Zuraida Khusaimi, S. Abdullah, M. Rusop, Ahsanulhaq Qurashi, Structural and optical properties of hydrothermally synthesized mesoporous Si/TiO<sub>2</sub> nanowire composites. *Microelectronic Engineering* 136 (2015) 31–35

[IF : 1.806](#)

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**PUBLICATIONS FOR 2013**

- [1] M. N. Asiah, M. H. Mamat, Z. Khusaimi, M. F. Achoi, S. Abdullah, and M. Rusop, "Thermal stability and phase transformation of TiO<sub>2</sub> nanowires at various temperatures", *Microelectronic Engineering* 108 (2013) 134-137 (IF : 1.806)
- [2] M. N. Asiah, M. F. Achoi, M. H. Mamat, Z. Khusaimi, S. Abdullah, and M. Rusop, "Effect of hydrothermal growth temperature on the morphology and structural properties of synthesized TiO<sub>2</sub> nanowires", *Advanced Material Research* Vol. 667 (2013) 442-446.
- [3] M. F. Achoi, M.N. Asiah, M. Rusop and S. Abdullah, "A comparative study of TiO<sub>2</sub> naocoated mild steel surface properties between short and long sputtering time of RF magnetron", *Advanced Material Research* Vol. 667 (2013) 562-568.
- [4] M. F. Achoi, M.N. Asiah, M. Rusop and S. Abdullah, "Atomic force microscope (AFM) studies of TiO<sub>2</sub> nanocoated glass surface via sol-gel coating", *Advanced Material Research* Vol. 667 (2013) 128-134.
- [5] M. Basri, M.N. Asiah, M. K. Ahmad, M. H. Mamat, and M. Rusop, "Electrical and structural properties of TiO<sub>2</sub> thin film prepared at different annealing temperatures by sol-gel spin-coating method", *Advanced Material Research* Vol. 667, (2013) 371-374.

**PUBLICATIONS FOR 2012**

- [1] Asiah Mohd Nor, Mohd. Faizal Achoi, Mohamad Hafiz Mamat, Musa Mohamed Zahidi, Saifollah Abdullah, and Mohamad Rusop Mahmood, "Synthesis of TiO<sub>2</sub> Nanowires via Hydrothermal Method," *Japanese Journal of Applied Physics* 51(2012) 06FG08. [**SCOPUS**]
- [2] M. N. Asiah, M. F. Achoi, S. Abdullah, and M. Rusop, "Titanium Dioxide Thin Films: Effect of Annealed in Oxygen ambient". *Journal of Advanced Materials Research* 364 (2012) 12-15 [**SCOPUS**]

**PUBLICATIONS FOR 2011**

- [1] Mohd Noor Asiah, Mat Zain Basri, and Mohamad Rusop, "Electrical Properties of Nanostructured Titanium Dioxide Thin Films Prepared By Sol-Gel Spin-Coating Method", *Defect and Diffusion Forum* 312-315 (2011) 1027-1031 [**SCOPUS**]

**PUBLICATIONS FOR 2009**

- [1] M. N. Asiah, S. N. Khairani, M. K. Ahmad, M. H. Mamat, and M. Rusop, "Surface morphology and optical property studies of nanostructured Titanium dioxide", *American IP Conference Proc.* June 1, 1136 (2009) 807-810 [**SCOPUS**]

[2] M. N. Asiah, S. N. Khairani, M. K. Ahmad, M. H. Mamat, and M. Rusop, "The Study of Physical Properties on Nanostructured Titanium Dioxide Thin Film Annealed at Different Temperatures", AIP Conf. Proc. June 1 1136 (2009) 811-814 [SCOPUS]