Yusoff Mohd Amin

List of Publications by Year
in descending order

37 papers	837 citations	516710 16 h-index	501196 28 g-index
38 all docs	38 docs citations	38 times ranked	816 citing authors

#	Article	IF	Citations
1	Influence of adsorption parameters on cesium uptake from aqueous solutions- a brief review. RSC Advances, 2015, 5, 71658-71683.	3.6	102
2	Evaluation of radiological risks due to natural radioactivity around Lynas Advanced Material Plant environment, Kuantan, Pahang, Malaysia. Environmental Science and Pollution Research, 2015, 22, 13127-13136.	5.3	78
3	Evaluation of radionuclides transfer from soil-to-edible flora and estimation of radiological dose to the Malaysian populace. Chemosphere, 2016, 154, 528-536.	8.2	68
4	Committed effective dose from naturally occuring radionuclides in shellfish. Radiation Physics and Chemistry, 2013, 88, 1-6.	2.8	66
5	Synthesis of boron nitride nanotubes via chemical vapour deposition: a comprehensive review. RSC Advances, 2015, 5, 35116-35137.	3.6	54
6	Elevated concentration of radioactive potassium in edible algae cultivated in Malaysian seas and estimation of ingestion dose to humans. Algal Research, 2019, 38, 101386.	4.6	47
7	Synthesis of boron nitride nanotubes by Argon supported Thermal Chemical Vapor Deposition. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 67, 33-37.	2.7	36
8	Calculation of the Electronic Parameters of an Al/DNA/p-Si Schottky Barrier Diode Influenced by Alpha Radiation. Sensors, 2015, 15, 4810-4822.	3.8	27
9	Measurement of Natural and Artificial Radioactivity in Infant Powdered Milk and Estimation of the Corresponding Annual Effective Dose. Environmental Engineering Science, 2015, 32, 838-846.	1.6	25
10	A simple technique to synthesize pure and highly crystalline boron nitride nanowires. Ceramics International, 2014, 40, 14727-14732.	4.8	23
11	Quantification and Radiological Risk Estimation Due to the Presence of Natural Radionuclides in Maiganga Coal, Nigeria. PLoS ONE, 2016, 11, e0158100.	2.5	21
12	Enhanced Photovoltaic Performance of Polymer Hybrid Nanostructure Heterojunction Solar Cells Based on Poly(3-hexylthiophene)/ZnS/ZnO/Reduced Graphene Oxide Shellâ€“Core Nanorod Arrays. Industrial & Engineering Chemistry Research, 2014, 53, 14301-14309.	3.7	20
13	Effective Synthesis of Vertically Aligned Boron Nitride Nanotubes via a Simple CCVD. Materials and Manufacturing Processes, 2015, 30, 706-710.	4.7	19
14	Humidity influenced capacitance and resistance of an Al/DNA/Al Schottky diode irradiated by alpha particles. Scientific Reports, 2016, 6, 25519.	3.3	19
15	Synthesis of highly crystalline multilayers structures of 10BNNTs as a potential neutron sensing element. Ceramics International, 2015, 41, 4544-4548.	4.8	18
16	Low temperature synthesis of high quality BNNTs via argon supported thermal CVD. Ceramics International, 2015, 41, 15222-15226.	4.8	18
17	Electronic Characterization of Au/DNA/ITO Metal-Semiconductor-Metal Diode and Its Application as a Radiation Sensor. PLoS ONE, 2016, 11, e0145423.	2.5	18
18	Influence of growth duration on size and morphology of boron nitride nanotubes grown via chemical vapor deposition technique. Journal of Physics and Chemistry of Solids, 2015, 85, 226-232.	4.0	16

#	Article	IF	Citations
19	The effect of reaction atmosphere and growth duration on the size and morphology of boron nitride nanotubes. New Journal of Chemistry, 2015, 39, 7912-7915.	2.8	14
20	Cadmium-109 Radioisotope Adsorption onto Polypyrrole Coated Sawdust of Dryobalanops aromatic: Kinetics and Adsorption Isotherms Modelling. PLoS ONE, 2016, 11, e0164119.	2.5	14
21	Catalytic growth of vertically aligned neutron sensitive 10Boron nitride nanotubes. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	14
22	Synthesis of Boron Nitride Microtubes and Formation of Boron Nitride Nanosheets. Materials and Manufacturing Processes, 2015, 30, 184-188.	4.7	13
23	Electronic Properties of DNA-Based Schottky Barrier Diodes in Response to Alpha Particles. Sensors, 2015, 15, 11836-11853.	3.8	13
24	Synthesis of Highly Crystalline Multilayered Boron Niride Microflakes. Scientific Reports, 2016, 6, 21403.	3.3	13
25	Synthesis and characterization of boron nitride microtubes. Materials Express, 2015, 5, 249-254.	0.5	12
26	Synthesis of hexagonal boron nitride fibers within two hour annealing at 500 Â°C and two hour growth duration at 1000 Â°C. Ceramics International, 2016, 42, 14661-14666.	4.8	12
27	Detection of alpha particles using DNA/Al Schottky junctions. Journal of Applied Physics, 2015, 118, 114502.	2.5	11
28	Thermoluminescence dating analysis at the site of an ancient brick structure at Pengkalan Bujang, Malaysia. Applied Radiation and Isotopes, 2015, 105, 182-187.	1.5	11
29	Investigations of electrical properties of structures Al-DNA-ITO-Al exposed to alpha particles. Radiation Measurements, 2015, 72, 85-94.	1.4	10
30	Gamma irradiated thermoluminescence response of Ge-doped SiO 2 fibre. Applied Radiation and Isotopes, 2015, 105, 158-162.	1.5	8
31	Radiological Implications of Coal-Mining Activities in Maiganga Coalfield of North-Eastern Nigeria. Earth Systems and Environment, 2017, 1, 1.	6.2	6
32	Direct Growth and Photoluminescence of SiOx Nanowires and Aligned Nanocakes by Simple Carbothermal Evaporation. Silicon, 2011, 3, 145-151.	3.3	4
33	Carbon Assisted Growth and Photoluminescence of Silicon Nanowires Fabricated Without a Catalyst. Silicon, 2010, 2, 19-24.	3.3	3
34	Boron nitride nanowires synthesis via a simple chemical vapor deposition at 1200 Â°C. AIP Conference Proceedings, 2015, , .	0.4	3
35	Determination of Dose from the Disposal of Radioactive Waste Related with TENORM using Residual Radioactivity (RESRAD) Monte Carlo Code. AIP Conference Proceedings, 2008, , .	0.4	1
36	Modeling of Zircon (ZrSiO[sub 4]) and Zirconia (ZrO[sub 2]) using ADF-GUI Software. , 2010, , .		0

#	Article	IF	Citations
37	Radiation Damage Study in Natural Zircon Using Neutrons Irradiation. , 2011, , .		0