

Pavol Gemeiner

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

325
citations

840776

11
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of secondary dopants on screen-printed PEDOT:PSS counter-electrodes for dye-sensitized solar cells. Journal of Applied Polymer Science, 2022, 139, 51929.	2.6	7
2	Gallic acid-coated silver nanoparticles as perspective drug nanocarriers: bioanalytical study. Analytical and Bioanalytical Chemistry, 2022, 414, 5493-5505.	3.7	14
3	Screen-printed conductive carbon layers for dye-sensitized solar cells and electrochemical detection of dopamine. Chemical Papers, 2021, 75, 3817-3829.	2.2	10
4	The effect of rapid atmospheric plasma treatment of FTO substrates on the quality of TiO ₂ blocking layers for printed perovskite solar cells. Materials Science in Semiconductor Processing, 2021, 131, 105850.	4.0	6
5	screen-printed molybdenum disulfide electrodes for electrochemical sensing of dopamine. , 2021, , .		0
6	Perovskite Solar Cells with Low-Cost TiO ₂ Mesoporous Photoanodes Prepared by Rapid Low-Temperature (70 °C) Plasma Processing. ACS Applied Energy Materials, 2020, 3, 12009-12018.	5.1	21
7	Forensic discrimination of black laser prints by a combination of chemometric methods and ¹ / ₄ -ATR-FTIR spectroscopy. Chemical Papers, 2020, 74, 3269-3277.	2.2	7
8	Graphene oxide sensors of high sensitivity fabricated using cold atmospheric-pressure hydrogen plasma for use in the detection of small organic molecules. Journal of Applied Physics, 2020, 128, .	2.5	7
9	The effect of atmospheric cold plasma cleaning of FTO substrates on the quality of TiO ₂ electron transport layers for printed carbon-based perovskite solar cells. , 2020, , .		1
10	Screen-printed PEDOT:PSS/halloysite counter electrodes for dye-sensitized solar cells. Synthetic Metals, 2019, 256, 116148.	3.9	7
11	2D MXenes as Perspective Immobilization Platforms for Design of Electrochemical Nanobiosensors. Electroanalysis, 2019, 31, 1833-1844.	2.9	36
12	The effect of the ink composition on the performance of carbon-based conductive screen printing inks. Journal of Materials Science: Materials in Electronics, 2019, 30, 1034-1044.	2.2	27
13	Preparation of polypyrrole/multi-walled carbon nanotube hybrids by electropolymerization combined with a coating method for counter electrodes in dye-sensitized solar cells. Chemical Papers, 2018, 72, 1651-1667.	2.2	16
14	Pt-free counter electrodes based on modified screen-printed PEDOT:PSS catalytic layers for dye-sensitized solar cells. Materials Science in Semiconductor Processing, 2017, 66, 162-169.	4.0	28
15	Principal component analysis for the forensic discrimination of black inkjet inks based on the Vis-NIR fibre optics reflection spectra. Forensic Science International, 2015, 257, 285-292.	2.2	24
16	Polypyrrole-coated multi-walled carbon nanotubes for the simple preparation of counter electrodes in dye-sensitized solar cells. Synthetic Metals, 2015, 210, 323-331.	3.9	41
17	The relation between TiO ₂ nano-pastes rheology and dye sensitized solar cell photoanode efficiency. Materials Science in Semiconductor Processing, 2015, 30, 605-611.	4.0	18
18	Dye-sensitized solar cells based on different nano-oxides on plastic PET substrate. Journal of Physics and Chemistry of Solids, 2015, 76, 17-21.	4.0	12

#	ARTICLE	IF	CITATIONS
19	Ultrasensitive impedimetric lectin based biosensor for glycoproteins containing sialic acid. Mikrochimica Acta, 2013, 180, 151-159.	5.0	43