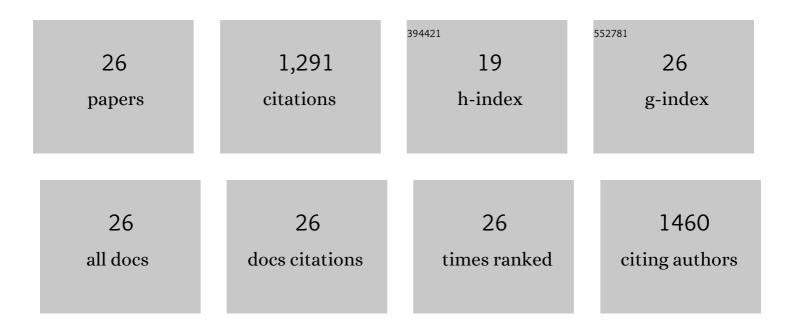
Kemal Cellat

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	2 years of monitoring results from passive solar energy storage in test cabins with phase change materials. Solar Energy, 2020, 200, 29-36.	6.1	41
2	Efficient preparation and application of monodisperse palladium loaded graphene oxide as a reusable and effective heterogeneous catalyst for suzuki cross-coupling reaction. Journal of Molecular Liquids, 2020, 298, 111967.	4.9	27
3	Synthesis and characterization of Reishi mushroom-mediated green synthesis of silver nanoparticles for the biochemical applications. Journal of Pharmaceutical and Biomedical Analysis, 2020, 178, 112970.	2.8	129
4	Composites of palladium nanoparticles and graphene oxide as a highly active and reusable catalyst for the hydrogenation of nitroarenes. Microporous and Mesoporous Materials, 2020, 296, 110014.	4.4	34
5	A novel high performance non-enzymatic electrochemical glucose biosensor based on activated carbon-supported Pt-Ni nanocomposite. Journal of Molecular Liquids, 2020, 300, 112355.	4.9	69
6	Synthesis, characterization, and application of transition metals (Ni, Zr, and Fe) doped TiO2 photoelectrodes for dye-sensitized solar cells. Journal of Molecular Liquids, 2020, 299, 112177.	4.9	47
7	Biological synthesis of silver nanoparticles using Rheum ribes and evaluation of their anticarcinogenic and antimicrobial potential: A novel approach in phytonanotechnology. Journal of Pharmaceutical and Biomedical Analysis, 2020, 179, 113012.	2.8	95
8	Palladium/ruthenium supported on graphene oxide (PdRu@GO) as an efficient, stable and rapid catalyst for hydrogen production from DMAB under room conditions. Renewable Energy, 2020, 161, 200-206.	8.9	21
9	Preparation, characterization, and thermal properties of novel fire-resistant microencapsulated phase change materials based on paraffin and a polystyrene shell. RSC Advances, 2020, 10, 24134-24144.	3.6	34
10	Single-Walled Carbon Nanotube Supported PtNi Nanoparticles (PtNi@SWCNT) Catalyzed Oxidation of Benzyl Alcohols to the Benzaldehyde Derivatives in Oxygen Atmosphere. Scientific Reports, 2020, 10, 9656.	3.3	7
11	Palladium supported on polypyrrole/reduced graphene oxide nanoparticles for simultaneous biosensing application of ascorbic acid, dopamine, and uric acid. Scientific Reports, 2020, 10, 2946.	3.3	59
12	Palladium–Nickel nanoparticles decorated on Functionalized-MWCNT for high precision non-enzymatic glucose sensing. Materials Chemistry and Physics, 2020, 250, 123042.	4.0	270
13	A Novel Hydrogenation of Nitroarene Compounds with Multi Wall Carbon Nanotube Supported Palladium/Copper Nanoparticles (PdCu@MWCNT NPs) in Aqueous Medium. Scientific Reports, 2020, 10, 8043.	3.3	20
14	Comprehensive investigation of butyl stearate as a multifunctional smart concrete additive for energyâ€efficient buildings. International Journal of Energy Research, 2019, 43, 7146.	4.5	13
15	Comparison of nanoscale zero-valent iron, fenton, and photo-fenton processes for degradation of pesticide 2,4-dichlorophenoxyacetic acid in aqueous solution. SN Applied Sciences, 2019, 1, 1.	2.9	19
16	Composites of Bimetallic Platinum-Cobalt Alloy Nanoparticles and Reduced Graphene Oxide for Electrochemical Determination of Ascorbic Acid, Dopamine, and Uric Acid. Scientific Reports, 2019, 9, 12258.	3.3	67
17	Highly monodisperse Pd-Ni nanoparticles supported on rGO as a rapid, sensitive, reusable and selective enzyme-free glucose sensor. Scientific Reports, 2019, 9, 19228.	3.3	41
18	Metal Organic Frameworks (MOF's) for Biosensing and Bioimaging Applications. Materials Research Foundations. 2019 308-360.	0.3	2

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19	Inorganic Electrolytes in Supercapacitor. Materials Research Foundations, 2019, , 11-30.	0.3	9
20	A comparative study on corrosion behavior of rebar in concrete with fatty acid additive as phase change material. Construction and Building Materials, 2017, 143, 490-500.	7.2	57
21	Robust microencapsulated phase change materials in concrete mixes for sustainable buildings. International Journal of Energy Research, 2017, 41, 113-126.	4.5	58
22	Characterization of Concrete Mixes Containing Phase Change Materials. IOP Conference Series: Materials Science and Engineering, 2017, 251, 012118.	0.6	10
23	Direct Incorporation of Butyl Stearate as Phase Change Material into Concrete for Energy Saving in Buildings. Journal of Clean Energy Technologies, 2017, 5, 64-68.	0.1	32
24	Treatment of Olive Mill Wastewater by Catalytic Ozonation Using Activated Carbon Prepared from Olive Stone by KOH. Asian Journal of Chemistry, 2015, 27, 4106-4110.	0.3	11
25	Thermal enhancement of concrete by adding bio-based fatty acids as phase change materials. Energy and Buildings, 2015, 106, 156-163.	6.7	86
26	Unconventional experimental technologies used for phase change materials (PCM) characterization: part 2 – morphological and structural characterization, physico-chemical stability and mechanical properties. Renewable and Sustainable Energy Reviews, 2015, 43, 1415-1426.	16.4	33

properties. Renewable and Sustainable Energy Reviews, 2015, 43, 1415-1426.