

# Gokhan Topcu

## List of Publications by Year in Descending Order

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**Version:** 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26 papers	201 citations	9 h-index	13 g-index
28 ext. papers	255 ext. citations	3.8 avg, IF	3.43 L-index

#	Paper	IF	Citations
26	Enhanced light-matter interaction in a hybrid photonic-plasmonic cavity. <i>Applied Physics A: Materials Science and Processing</i> , <b>2021</b> , 127, 1	2.6	0
25	Plasmon-induced spectral tunability of Perovskite nanowires. <i>Optical Materials</i> , <b>2021</b> , 122, 111702	3.3	1
24	Refillable anti-icing SBS composite films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 615, 126203	5.1	0
23	A Novel Photoinduced Ligation Approach for Cross-Linking Polymerization, Polymer Chain-End Functionalization, and Surface Modification Using Benzoyl Azides. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2100166	4.8	1
22	Effect of high salinity and temperature on water-volcanic rock interaction. <i>Environmental Earth Sciences</i> , <b>2021</b> , 80, 1	2.9	2
21	Polymeric Planar Microcavities Doped with a Europium Complex. <i>Crystals</i> , <b>2020</b> , 10, 287	2.3	4
20	Colloidal films of SiO <sub>2</sub> in elastomeric polyacrylates by photopolymerization: A strain sensor application. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 305, 127452	8.5	8
19	Experimental apparatus for simultaneous measurement of triboelectricity and triboluminescence. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2020</b> , 152, 107316	4.6	4
18	Recent developments of colorimetric mechanical sensors based on polymer composites. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 12036-12053	7.1	18
17	Experimental and first-principles investigation of Cr-driven color change in cesium lead halide perovskites. <i>Journal of Applied Physics</i> , <b>2019</b> , 125, 225705	2.5	3
16	Colorimetric and plasmonic pressure sensors based on polyacrylamide/Au nanoparticles. <i>Sensors and Actuators A: Physical</i> , <b>2019</b> , 295, 503-511	3.9	13
15	Effect of chain topology on plasmonic properties of pressure sensor films based on poly(acrylamide) and Au nanoparticles. <i>Sensors and Actuators A: Physical</i> , <b>2019</b> , 295, 237-243	3.9	3
14	The injection of CO <sub>2</sub> to hypersaline geothermal brine: A case study for Tuzla region. <i>Geothermics</i> , <b>2019</b> , 80, 86-91	4.3	6
13	Enhancement of the Spontaneous Emission Rate of Perovskite Nanowires Coupled into Cylindrical Hollow Nanocavities Formed on the Surface of Polystyrene Microfibers. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 9343-9351	3.8	5
12	Pressure Sensors Based on IPMC Actuator. <i>Engineering Materials</i> , <b>2019</b> , 161-182	0.4	
11	Color-Tunable All-Inorganic CsPbBr <sub>3</sub> Perovskites Nanoplatelet Films for Photovoltaic Devices. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 5149-5155	5.6	3
10	Enhanced Spontaneous Emission Rate in a Low-Q Hybrid Photonic-Plasmonic Nanoresonator. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 19862-19870	3.8	4

9	Increasing solubility of metal silicates by mixed polymeric antiscalants. <i>Geothermics</i> , <b>2019</b> , 77, 106-114	4.3	12
8	Non-iridescent structural colors from uniform-sized SiO <sub>2</sub> colloids. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , <b>2018</b> , 29, 22-29	2.6	10
7	Polarized emission from CsPbBr nanowire embedded-electrospun PU fibers. <i>Nanotechnology</i> , <b>2018</b> , 29, 135202	3.4	23
6	Monitoring the Doping and Diffusion Characteristics of Mn Dopants in Cesium Lead Halide Perovskites. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 11543-11549	3.8	12
5	Effects of perfluoro modified sol-gel additive on UV-curable phosphorus containing urethane acrylate coatings. <i>Journal of Vinyl and Additive Technology</i> , <b>2018</b> , 24, E133-E145	2	0
4	Investigation of Lithium Sorption Efficiency Using SWCNT Functionalized Electrospun Fiber Mats from the Hypersaline Geothermal Brine. <i>Materials Science Forum</i> , <b>2018</b> , 915, 121-126	0.4	1
3	CsPbBr <sub>3</sub> perovskites: Theoretical and experimental investigation on water-assisted transition from nanowire formation to degradation. <i>Physical Review Materials</i> , <b>2018</b> , 2,	3.2	45
2	Experimental modeling of silicate-based geothermal deposits. <i>Geothermics</i> , <b>2017</b> , 69, 65-73	4.3	11
1	Design of Polymeric Antiscalants Based on Functional Vinyl Monomers for (Fe, Mg) Silicates. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 8489-8496	4.1	11