

# shiva: a dust destruction model

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Modelling the evolution of PAH abundance in galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5218-5224.	1.6	12
2	Spectral energy distributions of dust and PAHs based on the evolution of grain size distribution in galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3046-3060.	1.6	7
3	Impact of PAH photodissociation on the formation of small hydrocarbons in the Orion Bar and the horsehead PDRs. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2327-2339.	1.6	10
4	Self-consistent modelling of aromatic dust species and extinction curves in galaxy evolution. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3779-3793.	1.6	22
5	The Sweeping-out of Dust by Radiation Pressure of Stars and Chemical Composition Peculiarities of Disc Galaxies. Astronomy Reports, 2021, 65, 370-384.	0.2	4
6	Ethynyl Around the HII Regions S255 and S257. Astronomy Reports, 2021, 65, 488-497.	0.2	6
7	Evolution of the grain size distribution in Milky Way-like galaxies in post-processed IllustrisTNG simulations. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1336-1351.	1.6	9
8	Orion Bar as a window to the evolution of PAHs. Monthly Notices of the Royal Astronomical Society, 2021, 509, 800-817.	1.6	8
9	Radiative transfer of ionizing radiation through gas and dust: grain charging in star forming regions. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	6
10	Dust SEDs in Milky Way-like galaxies in the IllustrisTNG simulations based on the evolution of grain size distribution. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	3
11	Spinning nano-carbon grains: Viable origin for anomalous microwave emission. Astronomy and Astrophysics, 2022, 663, A65.	2.1	3
12	PDRs4All: A JWST Early Release Science Program on Radiative Feedback from Massive Stars. Publications of the Astronomical Society of the Pacific, 2022, 134, 054301.	1.0	26
13	Cosmic evolution of grain size distribution in galaxies using the $\hat{1}/2$ GC semi-analytical model. Monthly Notices of the Royal Astronomical Society, 2022, 517, 2076-2087.	1.6	1
14	Nano-grain depletion in photon-dominated regions. Astronomy and Astrophysics, 2022, 666, A49.	2.1	3
15	Evidence That Shocks Destroy Small PAH Molecules in Low-luminosity Active Galactic Nuclei. Astrophysical Journal, 2022, 939, 22.	1.6	8
16	Efficiency of the top-down polycyclic aromatic hydrocarbon-to-fullerene conversion in ultraviolet irradiated environments. Monthly Notices of the Royal Astronomical Society, 2022, 517, 3732-3748.	1.6	7
17	Evolution of grain size distribution with enhanced abundance of small carbonaceous grains in galactic environments. Monthly Notices of the Royal Astronomical Society, 2022, 518, 3827-3837.	1.6	2
18	Impact of HAC evolution on the formation of small hydrocarbons in the Orion Bar and the Horsehead PDRs. Monthly Notices of the Royal Astronomical Society, 2022, 519, 2466-2474.	1.6	0

#	ARTICLE	IF	CITATIONS
19	A ReaxFF molecular dynamics and RRKM ab initio based study on degradation of indene. <i>Frontiers in Astronomy and Space Sciences</i> , 0, 10, .	1.1	0
21	Microphysics of cosmic dust. , 2024, , 235-282.		0