??????????, ????, ?????????????, ?????? ???????? (???????, 29. XI 1952). ??????? ??????? ?????? ???????? ?? 1976. ?? ????????-???????????? ????????? ? ????????. ?? ????????? ?? ?????? ?? ???????? ? ???????-???????? ????? ??? ???????? ?? 1977. ????????? ?????????? ????????? ?? 1984, ?? ?? ??????? ?? ??????? ??????? ?????? ?? ???????? ?????????? ????????? ???????? ?? 1989. ?? ????????????? ?????????? ???? ?? ?? ???????????? „???? ???" ? ???? ????? (????????, ???). ???????? 80-?? ?????? ?? ?. ???????? ?? ???? ?????? ??????? ?????????? ?????????????? ?????????? (?????-????????, ????????-???????, ????????-????????, ???????(III)-???????, ???????(III)-????????) ? ? ??????? ?? ???????? ?? ????????? ?? ????????? ????? ????? ??????? ?????? ?????????????? (???????, „Interfacial Electron-Transfer Equilibria and Flat-Band Potentials of ?-Fe_2O_3 and TiO_2 Colloids Studied by Pulse Radiolysis", *Journal of Physical Chemistry*, 1984, 88, 4278; ? P. V. Kamat: „Formation and Corrosion Processes of Colloidal In_2Se_3", *Langmuir*, 1987, 3, 1004). ????????? ??????? ?????????? ?? ?????????? ??????? ???????? ? ???????? ?????? ? ? ??????????????. ?????? 1991. ????????? ?? ? ??? ?????????? ?? ?? ???????????? ???? ???, ? ?? 1997. ???? ? ?????????? ???????????? ? ???????, ???????, ??? (Argonne National Laboratory) ??? ?????? ????????. ?????????? ???????? ?? ???????? ?? ??????. ?????? 2013?2015. ? ???????????? ?? ?????????? ??? ???????? ?????????? ?? ??????? ?????????? ??????? ????????. ??????? ?? ????? ??? ??????? ??????? ?????? ? ???????? ? ??????? (? T. Rajh, „Control Size and Shape of Titania Nanoparticles", ?: M. Aliofkhazraei (??.), *Handbook of Functional Nanomaterials*, New York 2014), ???? ???????? (??? ?? ??????? ?????????????? ? ?????? ?? ??????? ???????????????). ??????? ?? ??????? ?? ?????? ???????? ?. ?. ???????? *????????? ? ??????????* (?? 1990). ???? ?? ??????? ????????? ???????, ????????? ????????? ??????? ? ????????? ???????????????? ???????.

????: ???????, „Assembly and Charge Transfer in Hybrid TiO_2 Architectures Using Biotin − Avidin as a Connector", *Journal of the American Chemical Society Communication*, 2005, 127, 1344; ???????, „Photophysics of Dopamine-Modified Quantum Dots and Effects on Biological Systems", *Nature Materials*, 2006, 409, 103.

??????: ?????? ????????? ?? ??????? ??????; ?????? ?????????? ???????????? ?????.

????? ?. ?????

*????? ?? ???????? ? 2. ????? III ???? ?????? ????????????? (2021)

???????? #2
???????? 19 januar 2024 09:20:34 o? Admin
????????? 12 decembar 2025 08:20:15 ?? ?????????? ???????